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(54) **Multiple function dispenser**

(57) An eductor (11) for use with a dispenser for mixing and dispensing a liquid chemical concentrate with a diluent from a container (13). The eductor includes a housing (10) and a multiplicity of passageways (103) extending from an outside wall (104) to an end wall (106). The passageways engage with passageways of an

adapter member. Using the eductor in a dispenser enable both a high and low flow rate to be obtained with simultaneous adjustment of concentration of the chemical concentrate. The dispenser has a high degree of accuracy of the amount of dilution of the chemical concentrate as well as positive positioning of the high and low flow rate.

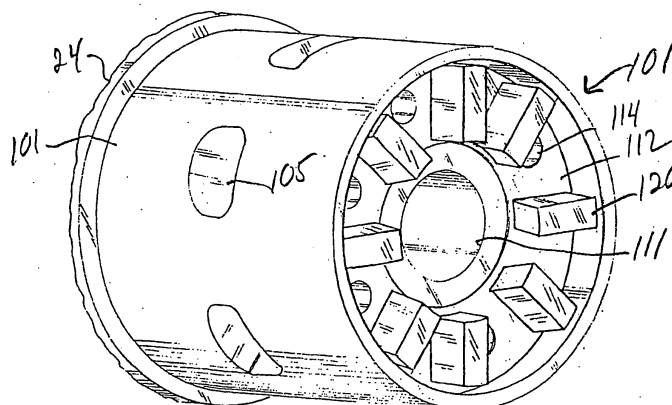


FIG. 10



EUROPEAN SEARCH REPORT

Application Number
EP 05 02 6389

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 3 090 564 A (GILMOUR ROBERT A) 21 May 1963 (1963-05-21) * column 3, line 19 - line 34 * * figures * -----	1-10	INV. B05B7/24 B01F5/04
A	US 2 788 244 A (GILMOUR ROBERT A) 9 April 1957 (1957-04-09) * the whole document * -----	1	
A	US 4 508 272 A (THOMPSON LINCOLN) 2 April 1985 (1985-04-02) * abstract * * column 3, line 3 - line 5 * * column 3, line 20 - line 26 * * column 3, line 43 - line 53 * * figures * -----	1	
A	US 3 862 640 A (HECHLER IV VALENTINE) 28 January 1975 (1975-01-28) * abstract; figures * -----	1	
A	US 3 764 074 A (JAMES D) 9 October 1973 (1973-10-09) * abstract; figures * -----	1	TECHNICAL FIELDS SEARCHED (IPC) B05B B01F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 May 2010	Examiner Barré, Vincent
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 02 6389

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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31-05-2010

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